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ANSWERS ELECTRONICS IQ QUIZ

(On page 65)

1. Answer: A. The bulbs correspond as follows: 1-C, 2-B, 3-E, 4-F, 5-A, 6-D.
2. Answer: A. The combined resistance of resistances in parallel is always less than the smallest one in the group.
3. Answer: C. All of the diodes are reverse-biased except C which is forward-biased.
4. Answer: 7 A. The sum of the currents entering a junction must equal the sum of the currents leaving it. With 25 amperes flowing toward the center and 18 A flowing away, current G must be 7 A.
5. Answer: D. All of the resistor combinations have an equivalent resistance of 12 ohms except D.
6. Answer: C. Drawing C is upside down. Drawing B is reversed and rightside up, but one of the holes has been moved.
7. Answer: 5864. A kilowatt-hour meter is read from left to right.
8. Answer: 1-B, 2-C, 3-A.
9. Answer: C. All of the components have the names of animals except C. A: crocodile clip; B: pigtails; C: banana plug; D: rabbit ears.
10. Answer: 24. A = 6, add 3; B = 9, add 4; C = 13, add 5; D = 18, add 6; E = 24.